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US Collection



Commercial Windows & Doors: United States

August 2018



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About This Report

Scope

This report forecasts to 2022 US commercial window and door demand and shipments in nominal US dollars at the manufacturer level (i.e., excluding value added between the distribution channel and the end user). Total demand is segmented by material in terms of:

- metal
- plastic
- wood

Total demand is also segmented by market as follows:

- new
- replacement

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; shipments and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

The value of installed glazing is included in the demand numbers for all window and door products, with the exception of curtain wall, which only includes the value of the framing. To avoid double counting, parts and components sold to, or imported by, door manufacturers for assembly into new windows and doors are excluded from the scope of this report.

Excluded from this report are windows and doors for automobiles or other transportation equipment, cabinets, fencing gates, shower doors and bathroom stall doors, elevator doors, pet doors, and moulding and trim. Also excluded is replacement hardware not typically sold as part of the window or door unit (e.g., door knobs, locks, door stops, garage door openers). However, the value of these products is included here when they are sold as part of an integrated new window or door unit.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Commercial Windows & Doors: United States (FF60090) is based on [Commercial Windows & Doors Market in the US](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

About This Report

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 6 | NAICS & SIC Codes Related to Commercial Windows & Doors

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
321911	Wood window & door manufacturing	2431	Millwork (wood windows and doors)
326199	All other plastics product manufacturing	3089	Plastic products, NEC
332321	Metal window & door manufacturing	3442	Metal doors, sash, frames, molding, & trim

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research,

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consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Commercial Windows & Doors Market in the US, August 2018

Freedonia Industry Studies

Residential Windows & Doors Market in the US, July 2018

Commercial Insulation Market in the US, June 2018

Fiber Cement in the US, May 2018

Global Flat Glass Market, March 2018

Moulding & Trim in the US, March 2018

Siding Market in the US, January 2018

Global Windows & Doors, December 2017

Insulation Market in the US, December 2017

Global Housing Outlook, October 2017

Electronic Security Products US Market Forecasts, September 2017

Fiber-Reinforced Plastic Composites Market in the US, January 2017

Prefabricated Housing Market in the US, January 2017

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Fabricated Metal Products: United States

Housing: United States

Nonresidential Building Construction: United States

Prefabricated Housing: United States

Residential Windows & Doors: United States

Thermoplastic Resins: United States

Window Coverings: United States

Wood Millwork: United States

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Door and Window Market Magazine

Glass Magazine

The Journal of Light Construction

Metal Architecture

Metal Construction News

Plastics News

Professional Remodeler

Window & Door

Agencies & Associations

American Architectural Manufacturers Association

American National Standards Institute

Florida Green Building Coalition

Green Building Initiative

Home Innovation Research Labs

National Association of Home Builders

National Fenestration Rating Council

United States Census Bureau

United States Department of Energy

United States Environmental Protection Agency

United States Green Building Council

United States International Trade Commission

Window and Door Manufacturers Association